

Title (en)
ENHANCED HEAT TRANSFER REFORMER AND METHOD

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EP 0171786 B1 19900321 (EN)

Application
EP 85110117 A 19850812

Priority
US 64181984 A 19840816

Abstract (en)
[origin: EP0171786A2] A method and apparatus are described for reforming hydrocarbons, particularly natural gas, to form hydrogen wherein the reformation is performed in a reactor in which the heat of reformed products are utilized to reform the hydrocarbons in a catalytic tube reformer. The reformer can be used in conjunction with a traditional steam reformer to produce hydrogen with less energy consumption, lower steam production and less capital cost.

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B01J 8/062 (2013.01 - EP US); **B01J 8/067** (2013.01 - EP US); **C01B 3/38** (2013.01 - KR); **C01B 3/382** (2013.01 - EP US); **C01B 3/384** (2013.01 - EP US); **B01J 2208/00088** (2013.01 - EP US); **B01J 2208/00274** (2013.01 - EP US); **B01J 2208/00309** (2013.01 - EP US); **B01J 2208/00495** (2013.01 - EP US); **B01J 2208/00504** (2013.01 - EP US); **B01J 2208/0053** (2013.01 - EP US); **C01B 2203/0811** (2013.01 - EP US); **C01B 2203/0816** (2013.01 - EP US); **C01B 2203/0822** (2013.01 - EP US); **C01B 2203/0827** (2013.01 - EP US); **C01B 2203/0844** (2013.01 - EP US); **C01B 2203/0866** (2013.01 - EP US); **C01B 2203/141** (2013.01 - EP US); **C01B 2203/146** (2013.01 - EP US); **Y02P 20/10** (2015.11 - EP US)

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